

# **ESE Technology Program Current Events**

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## **September 2000**

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Lead Technologist**

# Topics

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- **Implementation Happenings**
- **Key Solicitations**
- **Efforts in Formulation**
- **Advanced Planning**
- **Intellectual Teasers**

# Implementation Happenings

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- **NOAA-L**
  - Launch imminent
- **NMP EO-1--LandSat Precursor**
  - Launch mid-November
  - Joint industry, et al, workshop with LandSat Follow-on--late-October
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- **NMP EO-3--GEO-Advanced Sounder**
  - Launch early FY 2005
  - complex but critical partnerships in work
- **LASER/LIDAR Missions Independent Assessment**
  - ICESat
  - VCL
  - PICASSO

# Key Solicitations

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- **HPCC Cooperative Agreement Notice** on the street
- **Instrument Incubator--Next** this Fall
- **Small Business Innovative Research (SBIR)**
  - **Phase I evals** underway--slow
  - **Phase II evals** to start soon
- **Ex-UPN 632 NRA Project Selection**
  - **OES Participation--Relevance Reviews** being incorporated
  - **HQ Selection** very soon
- **Intelligent Systems Program Initiation at ARC** underway
- **Earth System Science Pathfinder (ESSP)**
  - **draft AO** out really soon
- **Unpersoned/manned/etc..Air(craft) Vehicle (UAV)**
  - **Science Research** proposals in....

# Efforts in Formulation

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- **LandSat Follow-On**
  - focused on potential Scientific Data Buy
- **Tropospheric Winds**
  - focused on potential Scientific Data Buy
- **NPOESS Preparatory Program (NPP)**
  - series of instrument development RFPs
  - mission integration contract
  - operations support contract
- **Global Precipitation Mission**
  - in early study phase
- **New DISS concept**
- **Related technology assessment process**

# Advanced Planning

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- **Science Research Plan**
  - completes National Academy review
- **Applications Strategy**
  - nearly ready for public release
- **Updated Capability Needs Assessment**
  - entering HQ review cycle
- **Earth Science Vision 2020 Next Steps**
  - FY 2001 activity
- **Post 2002 Program Planning Workshop--last week Nov**
- **NMP EO-Next Science/Technology Workshop--late Nov**

# Intellectual Teasers

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- **Agency Core Competency Assignment at NASA Centers**
- **Agency Technology Strategy refinement**
- **Agency Technology Programs and 7120 alignment**
- **Convergence with DoD on potential joint developments, e.g.**
  - **Hyperspectral**
  - **Access to Space**
  - **...more**
- **Earth System Science and Applications Advisory Committee**
  - **new Information Systems Subcommittee**
  - **Technology Subcommittee meeting--mid-November**
- **HQ OES Technology Program staffing changes**